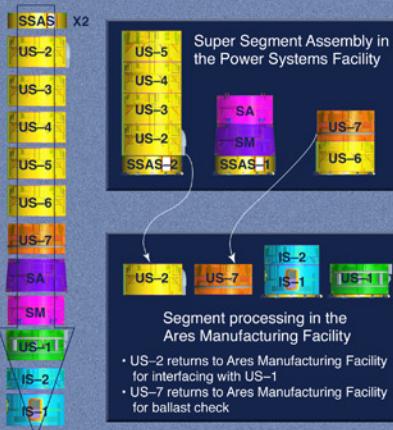


Ares I-X Upper Stage Simulator Integrated Product Team Concept of Operations Overview

Upper Stage Simulator (USS) Manufacturing and Assembly at Glenn Research Center (GRC)

Fabrication Shop—Ares Manufacturing Facility

Ares I-X Pathfinder 2
steel skin in rolling
machine.

Manufacturing and processing flow of USS Segments.



Truck transportation will be utilized to move segments within GRC and Kennedy Space Center and to port of departure.



Segment cart that will be utilized for transportation of USS segments. Carts serve as pallets on truck trailers and for means of movement of individual segments. The wheels of the cart can be removed to transform the cart into a base for assembling super segments.

Super Segment Assembly Stand 1 (SSAS1) being delivered to the Power Systems Facility via truck. The SSAS will provide ingress and egress into Super Segments 2 and 5.



Power Systems Facility—Super Segment Assembly

